

SURGICAL MICRO-BURRING INSTRUMENT AND METHOD OF PERFORMING SINUS SURGERY

Abstract

5 A surgical micro-burring instrument including an outer tubular member
coaxially maintaining an inner tubular member. The outer tubular member defines a
proximal section, a distal section, and a central lumen extending from the proximal
section to the distal section. The distal section forms a pocket and an elevator tip.
The pocket has a bottom wall and an opposed upper opening. The elevator tip
10 extends distal the pocket. The inner tubular member forms a bur received within the
pocket. Upon final assembly, at least a portion of the bur is exposed relative to the
outer tubular member via the upper opening of the pocket. The elevator tip is
configured to facilitate lifting of soft tissue, such as mucosa, while positioning the
bur, via the pocket, in an appropriate location for cutting contacted harder tissue,
15 such as turbinate bone or septal bone/cartilage.